

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listing of claims, in the Application.

Listing of claims:

1. (Currently amended) A method of rescinding previously transmitted e-mail messages by a sender, the ~~message~~ messages being addressed to a list of recipients, the method comprising the steps of:

storing ~~the~~ an e-mail message addressed to a list of recipients on a computing system;

generating a notification message, the notification message for allowing ~~the recipients from the list of recipients~~ and the sender to ~~automatically~~ access the stored e-mail message;

sending the notification message to the recipients from the list of recipients and to the sender; and

enabling the sender, using the notification message, to preclude one of the recipients from the list of recipients from accessing the stored e-mail message

~~excluding recipients from the list of recipients whereby only recipients who remain in the list of recipients may access the e-mail message.~~

2. Canceled.

3. (Currently amended) The method of Claim [[2]] 1 wherein the e-mail message has a text portion, the sender being allowed to modify the text portion.
4. (Currently amended) The method of Claim 3 wherein the stored e-mail message may be encrypted by a private key of a private key/public key pair, the public key being in the notification message for automatically decrypting the stored e-mail message.
5. (Currently amended) The method of Claim 4 wherein the computing system is the computing system on which the stored e-mail message was composed.
6. (Original) The method of Claim 4 wherein the computing system is a server, the server generating and sending the notification message to the recipients and sender.
7. (Currently amended) A method of modifying a previously transmitted e-mail message by a sender, the message being addressed to a list of recipients, the method comprising the steps of:

storing the e-mail message on a computing system;

generating a notification message, the notification message for allowing the recipients from the list of recipients and the sender to automatically access the stored e-mail message;

sending the notification message to the recipients from the list of recipients and to the sender; and

enabling the sender to modify the stored e-mail message using the notification message wherein the enabling step includes:

determining whether at least one recipient from the list of recipients has already accessed the stored e-mail message;

displaying the list of recipients and a copy of the stored e-mail message to the user wherein all recipients from the list of recipients that are determined to have already accessed the stored e-mail message are displayed in a distinguishing fashion from recipients that have not already accessed the stored e-mail message;

allowing the sender to modify the displayed copy of the stored e-mail message and to send the modified copy to the recipients that have not already accessed the stored e-mail message; and

replacing the stored e-mail message with the modified copy once the modified copy is sent to the recipients that have not already accessed the stored e-mail message.

8. (Currently amended) The method of Claim 7 wherein the stored e-mail message has a text portion, the text portion being modified by the sender.
9. (Currently amended) The method of Claim 7 wherein the e-mail message has a list of recipients ~~is, the list of recipients being~~ modified by the sender by adding new recipients to the list or deleting recipients from the list.
10. (Currently amended) The method of Claim 7 wherein the stored e-mail message may be encrypted by a private key of a private key/public key

pair, the public key being in the notification message for automatically decrypting the stored e-mail message.

11. (Currently amended) A computer program product on a computer readable medium for rescinding previously transmitted e-mail messages by a sender, the message messages being addressed to a list of recipients, the computer program product comprising:

code means for storing the an e-mail message addressed to recipients in a list of recipients on a computing system;

code means for generating a notification message, the notification message for allowing the recipients from the list of recipients and the sender to ~~automatically~~ access the stored e-mail message;

code means for sending the notification message to the recipients in the list of recipients and to the sender; and

code means for enabling the sender, using the notification message, to preclude one of the recipients in the list of recipients from accessing the stored e-mail message

~~code means for excluding recipients from the list of recipients whereby only recipients who remain in the list of recipients may access the e-mail message.~~

12. Canceled.

13. (Currently amended) The computer program product of Claim 12 11 wherein the e-mail message has a text portion, the sender being allowed to modify the text portion.
14. (Currently amended) The computer program product of Claim 13 wherein the stored e-mail message may be encrypted by a private key of a private key/public key pair, the public key being in the notification message for automatically decrypting the stored e-mail message.
15. (Currently amended) The computer program product of Claim 14 wherein the computing system is the computing system on which the stored e-mail message was composed.
16. (Original) The computer program product of Claim 14 wherein the computing system is a server, the server generating and sending the notification message to the recipients and sender.
17. (Currently amended) A computer program product on a computer readable medium for modifying a previously transmitted e-mail message by a sender, the message being addressed to a list of recipients, the computer program product comprising:

code means for storing the e-mail message on a computing system;

code means for generating a notification message, the notification message for allowing recipients from the list of the recipients and the sender to automatically access the stored e-mail message;

code means for sending the notification message to the recipients in the list of recipients and to the sender; and

code means for enabling the sender to modify the stored e-mail message  
using the notification message wherein the enabling code means includes:

code means for determining whether at least one recipient from the  
list of recipients has already accessed the stored e-mail message;

code means for displaying the list of recipients and a copy of the  
stored e-mail message wherein all recipients from the list of  
recipients that are determined to have already accessed the stored  
e-mail message are displayed in a distinguishing fashion from  
recipients that have not already accessed the stored e-mail  
message;

code means for allowing the sender to modify the displayed copy of  
the stored e-mail message and to send the modified copy to the  
recipients that have not already accessed the stored e-mail  
message; and

code means for replacing the stored e-mail message with the  
modified copy once the modified copy is sent to the recipients that  
have not already accessed the stored e-mail message.

18. (Currently amended) The computer program product of Claim 17 wherein the stored e-mail message has a text portion, the text portion being modified by the sender.
19. (Currently amended) The computer program product of Claim 17 wherein the ~~e-mail message has a list of recipients is, the list of recipients being~~

modified by the sender by adding new recipients to the list or deleting recipients from the list.

20. (Currently amended) The computer program product of Claim 17 wherein the stored e-mail message may be encrypted by a private key of a private key/public key pair, the public key being in the notification message for automatically decrypting the stored e-mail message.
21. (Currently amended) An apparatus for rescinding previously transmitted e-mail messages by a sender, the message messages being addressed to a list of recipients, the apparatus comprising:

means for storing ~~the~~ an e-mail message addressed to recipients in a list of recipients on a computing system;

means for generating a notification message, the notification message for allowing the recipients from the list of recipients and the sender to ~~automatically~~ access the stored e-mail message;

means for sending the notification message to the recipients in the list of recipients and to the sender; and

means for enabling the sender, using the notification message, to preclude one of the recipients from the list of recipients from accessing the stored e-mail message

~~means for excluding recipients from the list of recipients whereby only recipients who remain in the list of recipients may access the e-mail message.~~

22. Canceled.
23. (Currently amended) The apparatus of Claim [[22]] 21 wherein the message has a text portion, the sender being allowed to modify the text portion.
24. (Currently amended) The apparatus of Claim 23 wherein the stored e-mail message may be encrypted by a private key of a private key/public key pair, the public key being in the notification message for automatically decrypting the stored e-mail message.
25. (Currently amended) The apparatus of Claim 24 wherein the computing system is the computing system on which the stored e-mail message was composed.
26. (Original) The apparatus of Claim 24 wherein the computing system is a server, the server generating and sending the notification message to the recipients and sender.
27. (Currently amended) An apparatus for modifying a previously transmitted e-mail message by a sender, the message being addressed to recipients in a list of recipients, the apparatus comprising:

means for storing the e-mail message on a computing system;

means for generating a notification message, the notification message for allowing the recipients from the list of recipients and the sender to ~~automatically~~ access the stored e-mail message;



means for sending the notification message to the recipients from the list of recipients ~~and to the sender~~; and

means for enabling the sender to modify the stored e-mail message using the notification wherein the enabling means includes:

means for determining whether at least one recipient from the list of recipients has already accessed the stored e-mail message;

means for displaying the list of recipients and a copy of the stored e-mail message wherein all recipients from the list of recipients that are determined to have already accessed the stored e-mail message are displayed in a distinguishing fashion from recipients that have not already accessed the stored e-mail message;

means for allowing the sender to modify the displayed copy of the stored e-mail message and to send the modified copy to the recipients that have not already accessed the stored e-mail message; and

means for replacing the stored e-mail message with the modified copy once the modified copy is sent to the recipients that have not already accessed the stored e-mail message.

28. (Currently amended) The apparatus of Claim 27 wherein the stored e-mail message has a text portion, the text portion being modified by the sender.
29. (Currently amended) The apparatus of Claim 27 wherein the ~~e-mail message has a~~ list of recipients is, ~~the list of recipients being~~ modified by

the sender by adding new recipients to the list or deleting recipients from the list.

30. (Currently amended) The apparatus of Claim 27 wherein the stored e-mail message may be encrypted by a private key of a private key/public key pair, the public key being in the notification message for automatically decrypting the stored e-mail message.
31. (Currently amended) A system for rescinding previously transmitted e-mail messages by a sender, the ~~message~~ messages being addressed to a list of recipients, the system for comprising:

at least one storage device for storing code data; and

at least one processor for processing the code data to store ~~the~~ an e-mail message addressed to recipients in a list of recipients thereon, to generate a notification message, the notification message for allowing the recipients from the list of recipients and the sender to automatically access the stored e-mail message, to send the notification message to the recipients in the list of recipients and to the sender, and to enable the sender, using the notification message, to preclude one recipient from the list of recipients from accessing the stored e-mail message ~~exclude recipients from the list of recipients whereby only recipients who remain in the list of recipients may access the e-mail message.~~

32. Canceled.
33. (Currently amended) The system of Claim ~~[[32]]~~ 31 wherein the stored e-mail message has a text portion, the sender being allowed to modify the text portion.

34. (Currently amended) The system of Claim 33 wherein the stored e-mail message may be encrypted by a private key of a private key/public key pair, the public key being in the notification message for automatically decrypting the stored e-mail message.
35. (Currently amended) The system of Claim 34 wherein the computing system is the computing system on which the stored e-mail message was composed.
36. (Original) The system of Claim 34 wherein the computing system is a server, the server generating and sending the notification message to the recipients and sender.
37. (Currently amended) A system for allowing a previously transmitted e-mail message by a sender to be modified, the message being addressed to a list of recipients, the system comprising:

at least one storage device for storing code data; and

at least one processor for processing the code data to store the e-mail message thereon, to generate a notification message, the notification message for allowing the recipients from the list of recipients and the sender to ~~automatically~~ access the stored e-mail message, to send the notification message to the recipients from the list of recipients and to the sender, and to enable the sender to modify the stored e-mail message using the notification message wherein the code data is further processed to determine whether at least one recipient has already accessed the stored e-mail message, to display the list of recipients and a copy of the stored e-mail message wherein all recipients that are determined to have

already accessed the stored e-mail message are displayed in a distinguishing fashion from recipients that have not already accessed the stored e-mail message, to allow the sender to modify the displayed copy of the stored e-mail message and to send the modified copy to the recipients that have not already accessed the stored e-mail message, and to replace the stored e-mail message with the modified copy once the modified copy is sent to the recipients that have not already accessed the stored e-mail message.

38. (Currently amended) The system of Claim 37 wherein the stored e-mail message has a text portion, the text portion being modified by the sender.
39. (Currently amended) The system of Claim 37 wherein the ~~e-mail message~~ has a list of recipients ~~is, the list of recipients being~~ modified by the sender by adding new recipients to the list or deleting recipients from the list.
40. (Currently amended) The system of Claim 37 wherein the stored e-mail message may be encrypted by a private key of a private key/public key pair, the public key being in the notification message for automatically decrypting the stored e-mail message.